Evaluating Food Consumption by Hunters, Fishers, and Tribes for Risk Assessments at Superfund sites



Project Title	Evaluating Food Consumption by Hunters, Fishers, and Tribes for Risk Assessments at Superfund sites
Project Summary	The objective of the project is to obtain information that would be useful for evaluating potential updates to EPA's methods for risk assessment at Superfund sites where either hunting, fishing, or tribal members gathering of plants is a concern to address in the human health risk assessment.
Country	United States

Project Description

The project would involve research concerning two issues that arise when assessing risks from contamination at Superfund sites. First project would involve analyzing information from Superfund risk assessments on fruit and vegetable consumption by native Americans that are outside of the 24 produce categories we already have in our risk assessment models developing cleanup levels for residential gardens and farms at radioactively contaminated Superfund sites. Second project would be analyzing what are the most common game animals for hunting and fishing in the US, and their respective intakes (fodder or prey, water ingestion, and soil ingestion) and information on human ingestion rates by persons hunting or fishing. These two projects would build upon this 2016 paper which used in how EPA assesses risks for consumption of produce and farm animals, https://epa-prgs.ornl.gov/radionuclides/20161130_Biota_TM_KLM_Final_printable_version.pdf.

Required Skills or Interests

Skill(s)

Analytical writing

Research

Additional Information

The intent is for you to develop two research papers and one presentation.

Language Requirements

None